Jockey$_{XG}$ Pump Controllers
FTA550F Series

Firetrol®

EMERSON™
Network Power

Firetrol® FTA550F Series JockeyXG Pump Controllers are intended for use with fire pump systems. They are used for pressure maintenance in fire pump installations to prevent unnecessary operation of the main fire pump.

Approvals — Firetrol Jockey Pump Controllers are listed by Underwriters Laboratories, Inc., in accordance with UL508A, Standard for Industrial Controls, and CSA, Standard for Industrial Control Equipment (cUL). They are built to meet or exceed the requirements of the approving authorities as well as NEMA and the latest edition of NFPA 70, National Electrical Code.

Enclosures — The standard enclosures, up to 20 HP*, are red non-metallic material for installation in areas protected from direct sunlight with an ambient temperature above 41°F (5° C). The standard enclosure rating is NEMA type 2/12 (IEC IP22/IP52).

Standard Features—The following are included as standard with each controller:

- NEMA Type 2/12 (IEC IP22/IP52) Polycarbonate enclosure (UL50E Construction)
- Horsepower rated motor circuit protector and starting contactor
- Suitable for use as service equipment
- HAND-OFF-AUTO selector switch
- Minimum run timer
- On-Delay timer
- Pump restart timer
- Control circuit transformer with 24VAC secondary
- 0-300 psi (0-20.7 bar) stainless steel solid state pressure transducer
- Overpressure indication
- Low Pressure indication
- Failed to start indication
- Main switch not in “Auto” alarm
- Pressure recording
- Event log (3000 events stored in controller memory)
- Data log (including cycle counter)
- Door mounted display/user interface featuring a 128 x 64 pixel backlit LCD Graphical Display, Membrane Type User Controller Push-buttons and LED indication for:
  - Power ON
  - Pump Running
  - Alarm
- 2 lines of user selectable display information

FTA550 Jockey Pump Controllers

The FTA550F Jockey Pump Controller utilizes across the line, full voltage starting. Full voltage is applied to the motor as soon as the controller is actuated, and the motor supplies its rated torque.

When the controller is actuated, either by a drop in system pressure (in the “Auto” mode), or by placing the HAND-OFF-AUTO switch in the “Hand” position, the pump will start. In the “Auto” mode, the pump will continue to run until the pressure returns to a normal level and the minimum run timer has expired, whichever occurs last. In the “Hand” mode, the pump will continue to run until the HAND-OFF-AUTO selector switch is moved from the “Hand” position.

The stainless steel pressure transducer is mounted inside the enclosure and is piped to a fitting on the bottom of the enclosure.

Options and Modifications — See publication PD550F-01 for list of available options and modifications.

*See publication SD550F-01 for available horsepower and voltage configurations.

Emerson Network Power - Global Headquarters
1050 Dearborn Drive
Columbus, OH 43085
Tel +1 614 888 0246

EmersonNetworkPower.com

ASCO Power Technologies - Firetrol Brand Products
111 Corning Road, Suite 120
Cary, NC 27518
Tel +1 919 460 5200 • Fax +1 919 460 5250

Firetrol.com

While every precaution has been taken to ensure accuracy and completeness herein, ASCO assumes no responsibility, and disclaims all liability, for damages resulting from use of this information or for any errors or omissions. Information and specifications are subject to change without notice.
Emerson, Consider It Solved., Emerson Network Power, the Emerson Network Power Logo, ASCO, Firetrol and the Firetrol Logo are trademarks or registered trademarks of Emerson Electric Co. All other names and logos referred to are trade names, trademarks, or registered trademarks of their respective owners. ©2013 Emerson Electric Co.
CB550F-01 (A)

EMERSON. CONSIDER IT SOLVED.™